

## PATENT ABSTRACTS OF JAPAN

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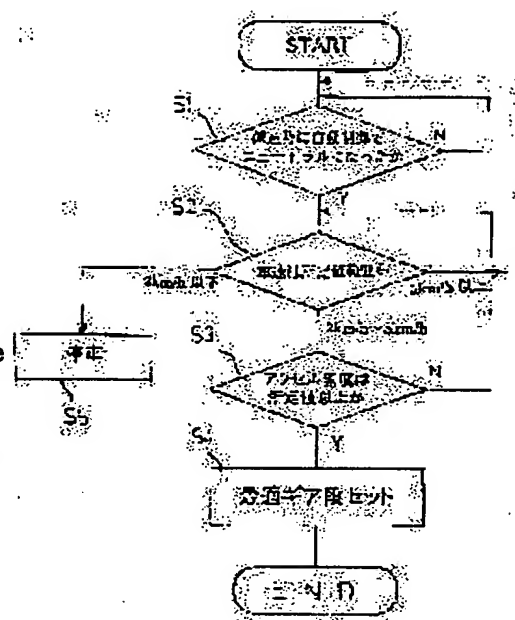
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## (54) CONTROL DEVICE OF MECHANICAL TYPE TRANSMISSION GEAR

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a control device of a transmission gear with which optimal gear stage is selected and acceleration is performed without making it possible to sense shock and sluggish feeling in case of decelerating from running condition to just before stop and accelerating again.

**SOLUTION:** The control device 10 includes an extremely low velocity optimal gear stage selected means 20 detecting that the transmission gear 3 is in a range of predefined vehicle velocity of the extremely low velocity after it detects to be controlled to neutral position by means of deceleration in the vehicle and that open extent of an accelerator is more than the predefined value and selecting the optimal gear stage to the vehicle velocity, and further includes an automatic clutch starting drive controlled means 30 detecting that the opening extent of the accelerator is more than the predefined value and which performs a clutch rapidly connected control and which performs a clutch slowly connected control after travel of the clutch is less than the predefined value and which performs a clutch perfectly connected control after it detects agreement between rotation frequency of an engine and a counter shaft and it is configured to shift to control of the automatic clutch starting drive controlled means 30 after control due to the extremely low optimal gear selected means 20.



## LEGAL STATUS

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